

AMENDMENT TO CLAIMS

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1 (currently amended). In an external lift for a scooter wherein the lift includes a post adapted to be attached to a vehicle and a rotating platform attached to the post, the improvement comprising:

a load sensor actuated by rotation of the platform as a load is applied to said platform.

2 (original). The lift as set forth in claim 1 and further including:

a lock mechanism for preventing the platform from rotating in a loaded and raised position.

3 (original). The lift as set forth in claim 1 and further including:

a lock mechanism for preventing the platform from rotating in an unloaded and raised position.

4 (original). The lift as set forth in claim 1 and further including:

a roller coupled to said platform and engaging a ramp on said post for supporting said platform while said platform is raised or lowered.

5 (original). The lift as set forth in claim 1 and further including a hold down having two, laterally displaced feet.

6 (previously presented). In an external lift for a scooter wherein the lift includes a post adapted to be attached to a vehicle, a lift mechanism including a tube attached to said post and a sliding post fitting within said tube, and a rotating platform coupled to the sliding post by a hinge including a bar attached to said platform inside a horizontal tube coupled to said sliding post, the improvement comprising:

a first plate coupled to said tube;

a second plate coupled to said bar;

a first spring attached to at least said first plate for separating the first plate from the second plate;

whereby said platform is supported in an approximately horizontal position by said spring and a load on said platform causes the separation of the first plate from the second plate to decrease; and

means for detecting a decrease in the separation of the first plate from the second plate.

7 (original). An external scooter lift as set forth in claim 6 wherein said means includes:

a shaft rotatably mounted on said second plate;  
a tab on said shaft extending away from the long dimension of the shaft;  
an adjustable stop mounted on said first plate and positioned above said tab;  
whereby said stop engages said tab as said first plate moves toward said second plate and causes said shaft to rotate.

8 (original). An external scooter lift as set forth in claim 7 and further including:

a pin attached to said tube and extending downwardly;  
a hole in said horizontal tube aligned with said pin; and  
a bore in said bar that aligns with said hole when said platform is raised in a horizontal position;

whereby said pin engages said hole and said bore, thereby preventing said bar from rotating.

9 (previously presented). In an external lift for a scooter wherein the lift includes a post adapted to be attached to a vehicle, a lift mechanism including a tube attached to said post and a sliding post fitting within said tube, and a rotating platform coupled to the sliding post by a hinge including a bar attached to said platform inside a horizontal tube coupled to said sliding post, the improvement comprising:

a bore in said bar and a pin attached to said post, wherein said pin engages said bore when said platform is in a raised position to prevent rotation of said platform.

10 (original). The lift as set forth in claim 9 and further including a hold down having two, laterally displaced feet.